

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\
 Data File : VU032171.D
 Acq On : 20 May 2019 21:58
 Operator : JC/SP
 Sample : K2889-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM4

Quant Time: May 21 09:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 21 08:29:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	353970	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	368774	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143974	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96048	3.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.40%
7) Chloroethane-d5	1.67	69	89478	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.20%
11) 1,1-Dichloroethene-d2	2.27	63	137244	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.19	46	237081	40.50	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.00%
24) Chloroform-d	4.64	84	204835	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.31	65	107961	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	5.33	84	407671	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
36) 1,2-Dichloropropane-d6	6.32	67	119402	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.60%
41) Toluene-d8	7.56	98	324825	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.60%#
43) trans-1,3-Dichloropropene-	7.85	79	39705	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.31	63	203937	38.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	109236	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	132384	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

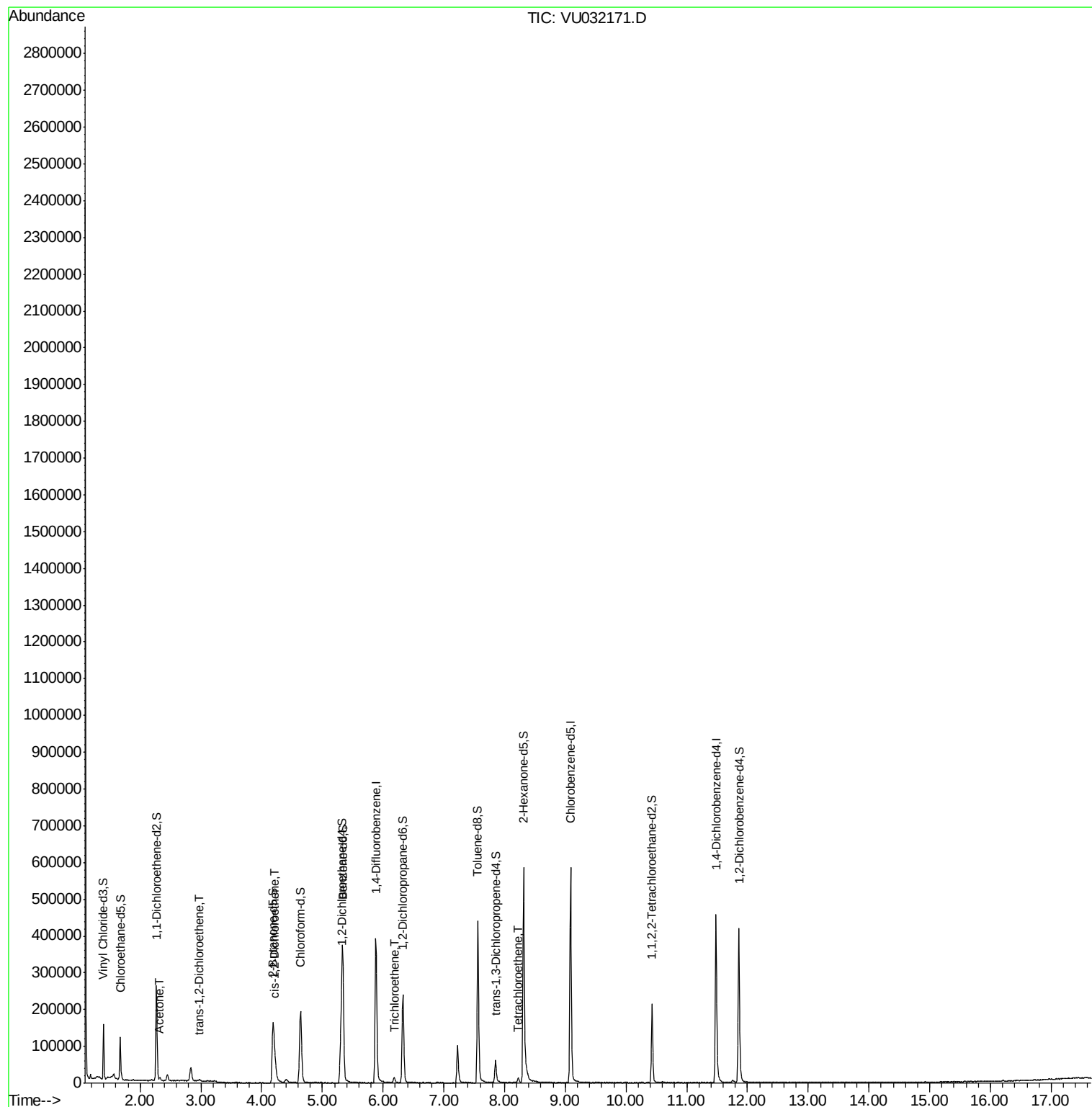
					Ovalue
13) Acetone	2.32	43	6645	3.458 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	1889	0.124 ug/L #	50
22) cis-1,2-Dichloroethene	4.22	96	20076	1.341 ug/L	99
34) Trichloroethene	6.18	95	4787	0.312 ug/L	93
47) Tetrachloroethene	8.23	164	3981	0.347 ug/L	81

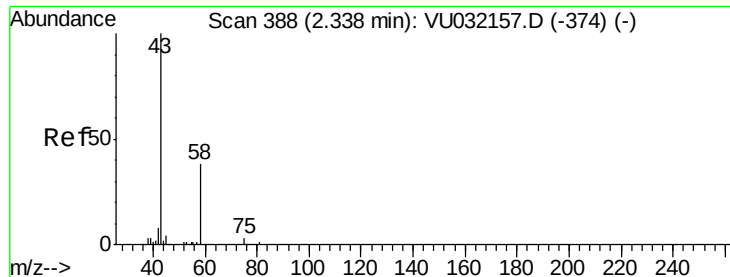
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.458 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032171.D

Acq: 20 May 2019 21:58

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MSVOA_U

ClientSampleId :

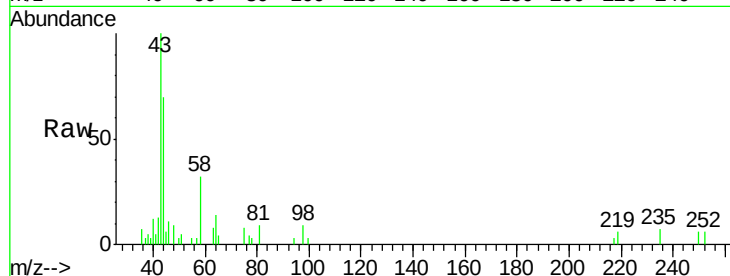
C0BM4

Tot Ion: 43 Resp: 6645

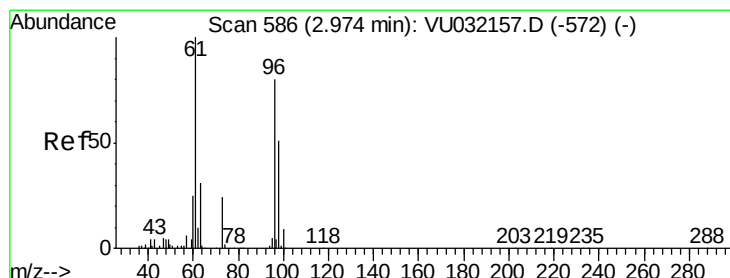
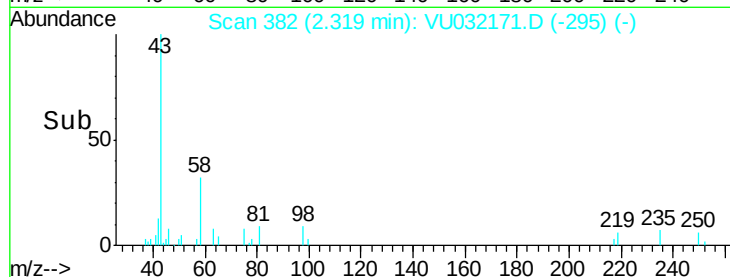
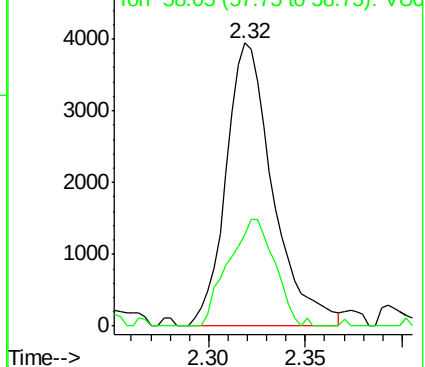
Ion Ratio Lower Upper

43 100

58 37.3 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032171.D (-295) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU032171.D

Acq: 20 May 2019 21:58

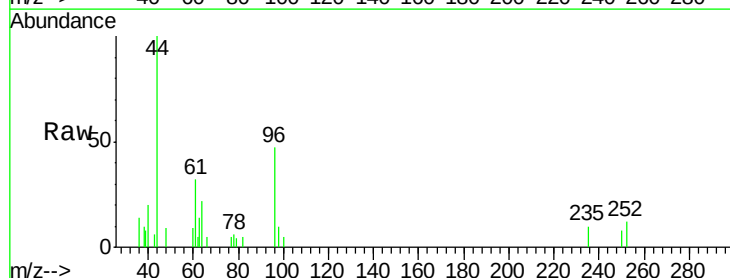
Tgt Ion: 96 Resp: 1889

Ion Ratio Lower Upper

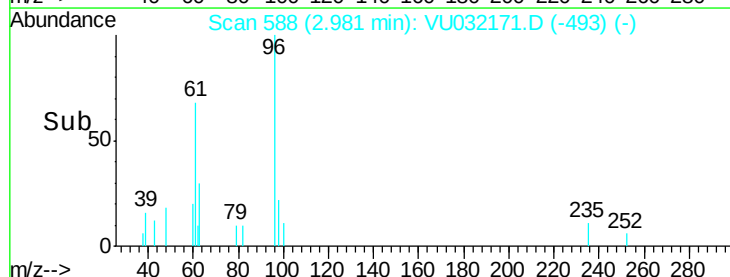
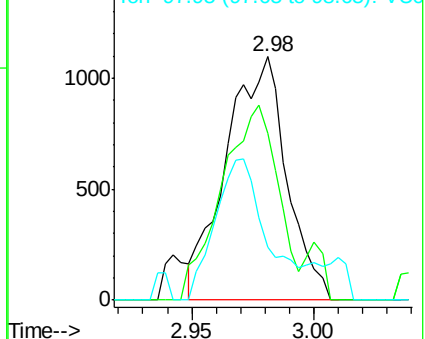
96 100

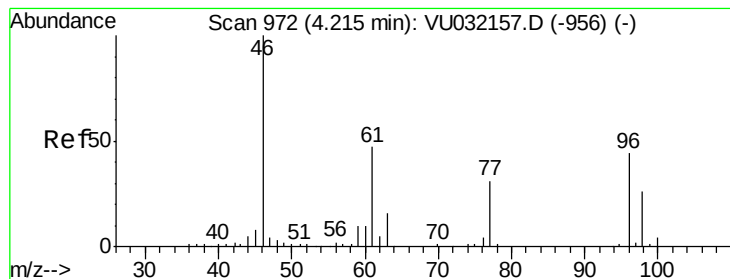
61 68.5 86.5 160.7#

98 21.6 43.5 80.9#



Abundance Ion 96.00 (95.70 to 96.70): VU032171.D (-493) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.341 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032171.D

Acq: 20 May 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

C0BM4

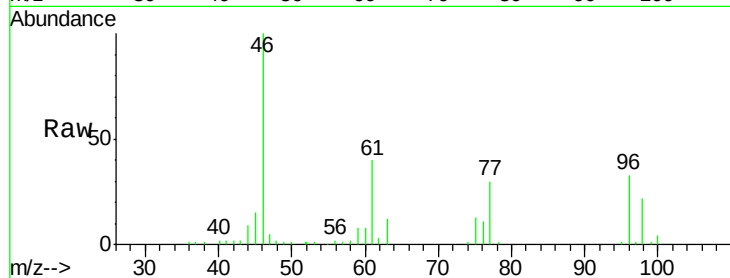
Tot Ion: 96 Resp: 20076

Ion Ratio Lower Upper

96 100

61 121.7 85.8 159.4

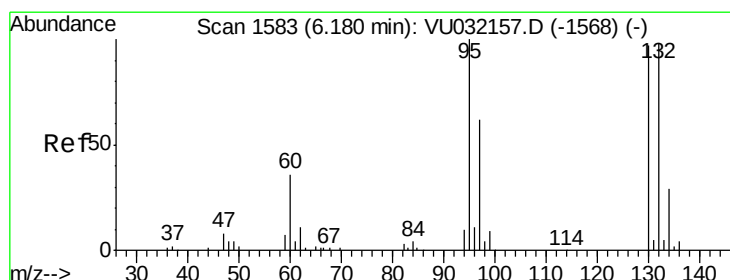
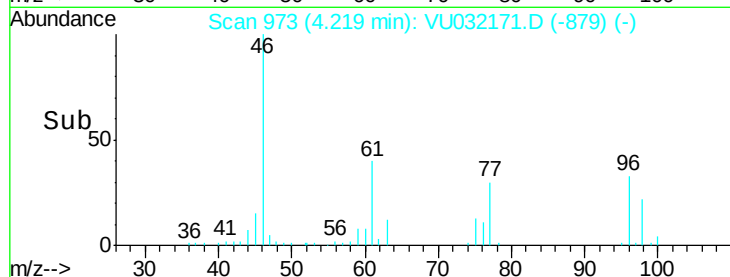
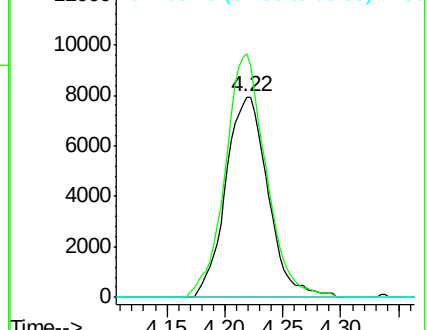
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.312 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032171.D

Acq: 20 May 2019 21:58

Tgt Ion: 95 Resp: 4787

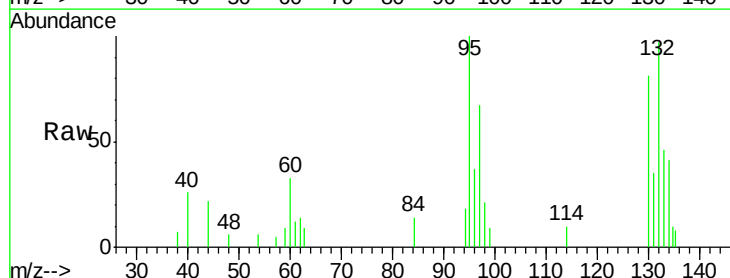
Ion Ratio Lower Upper

95 100

97 67.1 45.2 84.0

132 96.8 66.1 122.7

130 80.6 66.7 123.9

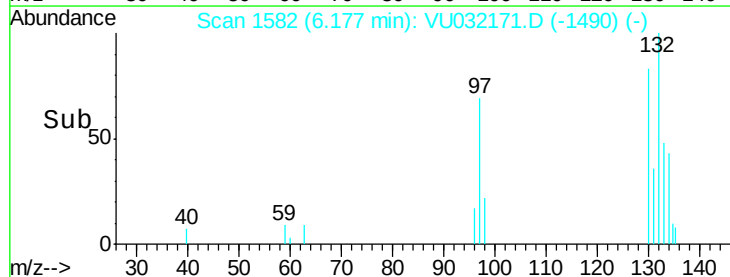
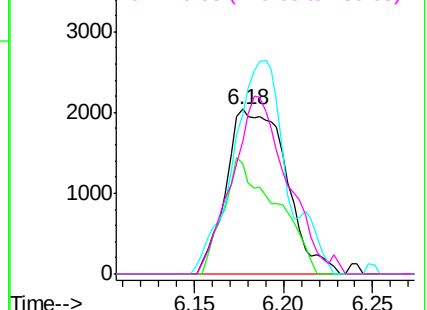


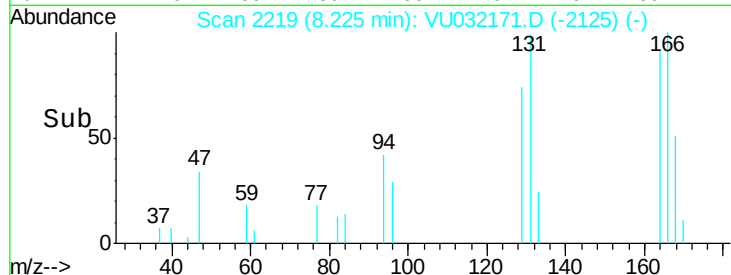
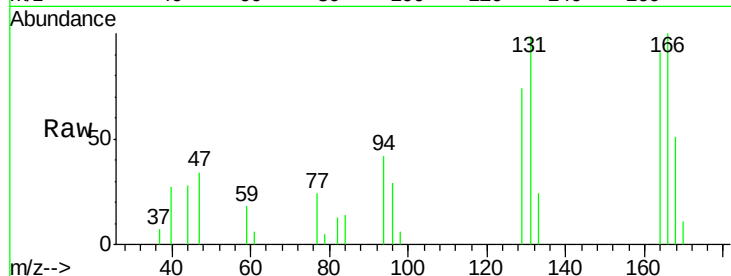
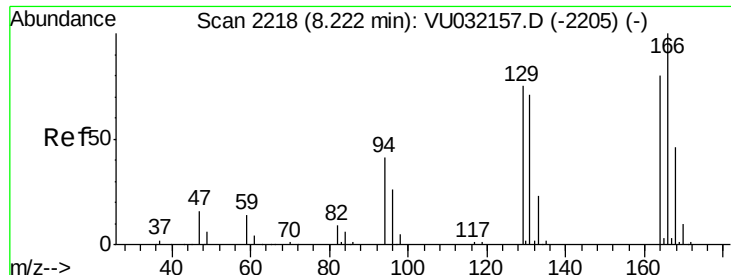
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.347 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032171.D

Acq: 20 May 2019 21:58

Instrument :

MSVOA_U

ClientSampleId :

C0BM4

Tot Ion:164 Resp: 3981

Ion Ratio Lower Upper

164 100

129 80.8 70.3 130.5

131 108.4 64.5 119.9

166 109.4 92.3 171.5

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

